

## XP-002278980

AN - 1985-162223 [25]

A - [001] 014 04- 074 076 081 082 231 239 255 316 332 398 44& 57- 575 583  
589 609 656 659 660 681 688

AP - JP19830200022 19831027; JP19830200022 19831027; [Based on J60092370]

CPY - TOKQ

DC - A97 E19 E34 G02

DR - 0245-U 0247-U 0258-U 0270-U 0836-U 0867-U 1740-U 1821-U

FS - CPI

IC - C09D11/00

KS - 0036 0224 0231 0493 0535 1985 1999 2318 2507 2509 2585 2682 2812 2813  
3004

MC - A12-W07D E05-A E10-C04C E10-C04J E33-G G02-A04

M3 - [01] A103 A940 A960 C108 C307 C510 C710 C730 C801 C802 C803 C804 C807  
G010 G100 J0 J011 J1 J131 J171 M210 M211 M262 M280 M281 M320 M411 M510  
M520 M530 M531 M540 M620 M630 M782 M903 Q332 Q338 Q603 R023

- [02] H4 H401 H481 H8 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222  
M223 M224 M225 M226 M231 M232 M233 M272 M281 M320 M416 M620 M782 M903  
Q332 Q338 Q615 R023

PA - (TOKQ ) TOKYO OHKA KOGYO CO LTD

PN - JP60092370 A 19850523 DW198527 006pp

- JP5017264B B 19930308 DW199313 C09D11/00 004pp

PR - JP19830200022 19831027

XA - C1985-070946

XIC - C09D-011/00

AB - J60092370 The compsn. includes mixed alcohols or alcohols and ketones  
as major essential ingredients, plus binder, colouring material,  
electroconductive agent lithium nitrate (lithium acetate), soluble  
organic acid lithium salt, rust-preventive agent (more than 0.1 mol as  
against 1 mol of lithium nitrate), surfactant, more than 20 vol.% of  
solvent or 50 vol.% more methanol and/or ethanol than the above  
mentioned soln. solvent and less than 10 vol.% of water compared with  
the solvent.

- ADVANTAGE - On the printed surface of a non-treated steel plate, the  
compsn. does not generate any rust around the printed character.

- In an example, solvent soln. comprised cyclohexanone,  
methylisobutylketone and ethanol. Binder included rosin-modified  
glycerin, ester Harvester-L Kashu resin-17BB and also acrylic  
polymethyl with 35,000 av.mol. wt. Dyestuff included oil black-HBB  
Pigment was titanium oxide Electroconductivity agent was lithium  
nitrate or lithium benzoate.

IW - INK JET RECORD COMPOSITION STEEL PLATE ALCOHOL LITHIUM SALT SURFACTANT

IKW - INK JET RECORD COMPOSITION STEEL PLATE ALCOHOL LITHIUM SALT SURFACTANT

NC - 001

OPD - 1983-10-27

ORD - 1985-05-23

PAW - (TOKQ ) TOKYO OHKA KOGYO CO LTD

TI - Ink jet recording compsn. for steel plate - includes alcohol(s),  
lithium salts and surfactant